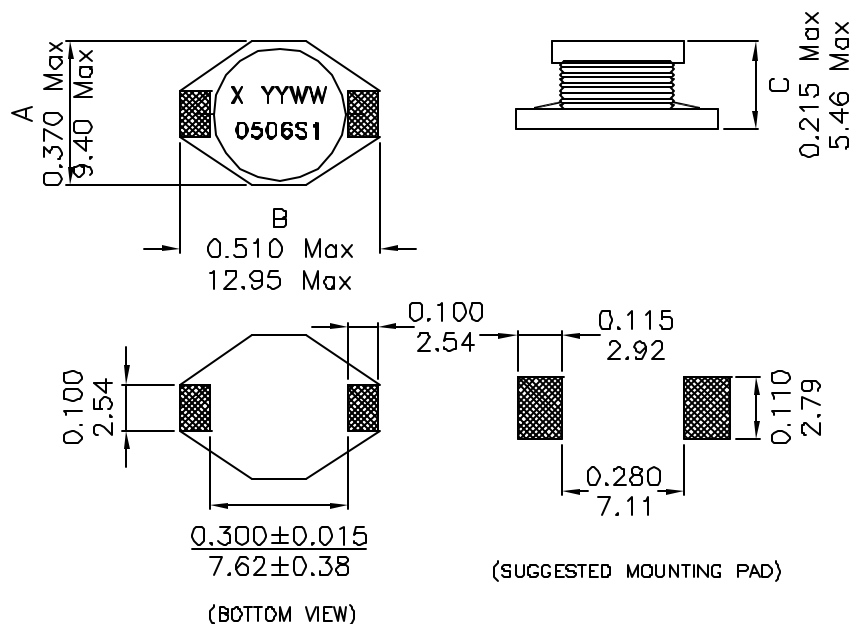


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

INDUCTANCE: 50uH ±20% @100KHz 0.1V

10% DROP INDUCTANCE @IDC 1.4 ADC

DC RESISTANCE: 0.150 Ohms Max

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Glass F 155°C, UL file E15155B
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004" (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. 260°C Reflow Compatible

XFMRs Inc. www.XFMRs.com	Title: XFSDM1 SERIES INDUCTORS			
	UNLESS OTHERWISE SPECIFIED TOLERANCES:		REV. A	
.xxx ±0.010 INCH	P/N: XF0506S1	DWN.	Juan Mao	Jan-12-06
.xx ±0.25 mm	CHK.	YK Liao		Jan-12-06
Dimensions in INCH/mm	APP.	MS		Jan-12-06
SHEET 1 OF 1				

DOC. REV: A/2

PROPRIETARY

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